

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of the claims of this application.

Listing of claims:

1-48. (Canceled)

49. (currently amended) An astragal assembly for attachment to a passive door having interior and exterior surfaces opposite to one another and an outer edge extending from the exterior surface to the interior surface, the astragal assembly comprising:

a frame, adapted to extend between the sill and the transom of a doorway,
comprising an exterior portion, an interior portion spaced from and situated opposite to the exterior portion to establish an elongated open channel there between, and a side portion extending between the exterior portion and the interior portion and adapted to be attached to the outer edge of the passive door, the elongated open channel having a channel opening extending between the exterior portion and the interior portion and opposed to the side portion, said exterior portion being a hollow elongated tubular member;

a spacer protruding from said side portion opposite said channel and extending away from said channel;

a wooden insert retained in the elongated open channel of the frame, the wooden insert having a groove sized to accommodate a locking mechanism; and

a strike plate hardware attached to the wooden insert and extending between the interior and exterior portions, the strike plate hardware having a strike plate opening aligned with the groove.

50. (currently amended) The astragal assembly of claim 49, further comprising:

a gasket interconnecting the exterior portion and the side portion; and

~~—— a spacer;~~

wherein the interior portion comprises an interior flange extending away from where the interior portion meets the side portion for engaging the interior surface of the passive door when the astragal assembly is attached thereto,

wherein the exterior portion comprises an exterior flange opposite to the interior flange for engaging the exterior surface of the passive door when the astragal assembly is affixed thereto, and

wherein the spacer ~~protrudes outwardly from the side portion in a direction away from the open channel and that~~ is substantially parallel to the interior flange and substantially perpendicular to the ~~major surface~~ side portion for preventing the outer edge of the passive door from contacting the major surface of the side portion of the frame and for allowing air flow between the outer edge of the passive door and the side portion of the frame when the astragal assembly is attached thereto[[,]].

51. (previously presented) The astragal assembly of claim 49, wherein the wooden insert extends substantially the entire length of the elongated open channel.

52. (previously presented) The astragal assembly of claim 49, wherein the wooden insert is a solid piece of wood.

53. (currently amended) The astragal assembly of claim 49, wherein the wooden insert comprises ~~multiple~~ two separate wooden strips secured within the elongated open channel.

54. (previously presented) The astragal assembly of claim 49, wherein the wooden insert is elongated and symmetrical about its longitudinal axis.

55. (previously presented) The astragal assembly of claim 49, wherein the frame comprises aluminum.

56. (previously presented) The astragal assembly of claim 49, wherein the frame is metallic.

57. (previously presented) The astragal assembly of claim 49, wherein the strike plate hardware directly contacts the wooden insert.

58. (previously presented) The astragal assembly of claim 50, wherein the interior flange extends past the side portion for overlapping the interior surface of the passive door.

59. (previously presented) The astragal assembly of claim 50, wherein the exterior portion includes a stop that extends from one side thereof.

60. (previously presented) The astragal assembly of claim 59, further comprising a second gasket secured to the stop.

61. (previously presented) The astragal assembly of claim 50, wherein the exterior flange extends past the side portion for overlapping the exterior surface of the passive door.

62. (previously presented) The astragal assembly of claim 50, wherein the exterior flange and the interior flange extend past the side portion to define a door edge receiving opening.

63. (currently amended) The astragal assembly of claim 50, wherein the ~~exterior portion includes a hollow elongate tubular section~~ member comprises an outer wall, an inner wall, and a pair of side walls connecting the outer and inner wall, wherein and the channel is formed between the interior portion and the hollow elongate tubular section member.

64. Canceled

65. (previously presented) The astragal assembly of claim 49, wherein the side portion includes preformed openings to receive fasteners for connecting the astragal to the passive door.

66. (previously presented) The astragal assembly of claim 49, wherein the exterior portion and the interior portion each have a respective hook that extends into the channel and retains the wooden insert.

67. (previously presented) The astragal assembly of claim 49, wherein the wooden insert comprises a first piece having a width substantially equal to a distance between the exterior portion and the interior portion and a second piece abutting the side portion.

68. (previously presented) The astragal assembly of claim 67, wherein the second piece has a width less than the width of the first piece.

69. (previously presented) The astragal assembly of claim 49, wherein the side portion is arranged substantially parallel to the outer edge of the passive door when the astragal assembly is affixed thereto, and the exterior portion and interior portion extend away from the outer edge of the passive door when the astragal assembly is attached thereto.

70. (previously presented) The astragal assembly of claim 49, wherein the groove is sized to receive a dead bolt as the locking mechanism.

71. (previously presented and withdrawn) The astragal assembly of claim 49, in combination with a double door system including the active door and the passive door, wherein the side portion of the astragal assembly is fastened to the passive door.

72. (currently amended and withdrawn) A door assembly, comprising:

a passive door having an interior surface, an exterior surface opposite to the interior surface, and an outer edge extending from the exterior surface to the interior surface;

an active door having an outer edge, wherein the active door is mounted for movement between an open position and a closed position in which the outer edge is aligned with the outer edge of the passive door; and

an astragal assembly attached to the passive door having an interior surface, comprising

a frame, adapted to extend between the sill and the transom of a doorway, comprising an exterior portion, an interior portion spaced from and situated opposite to the exterior portion to establish an elongated open channel there between, and a side portion extending between the exterior portion and the interior portion and adapted to be attached to the outer edge of the passive door, the elongated open channel having a channel opening extending between the exterior portion and the interior portion and opposed to the side portion, said exterior portion being a hollow elongated tubular member;

a spacer protruding from said side portion opposite said channel and extending away from said channel;

a wooden insert retained in the elongated open channel of the frame, the wooden insert having a groove sized to accommodate a locking mechanism; and

a strike plate hardware attached to the wooden insert and extending between the interior and exterior portions, the strike plate hardware having a strike plate opening aligned with the groove.

73. (currently amended and withdrawn) The door assembly of claim 72, wherein the astragal assembly further comprises:

a gasket interconnecting the exterior portion and the side portion; and

~~—— a spacer protruding outwardly from the side portion in a direction away from the open channel and that is substantially parallel to the interior flange and substantially perpendicular to the major surface for preventing the outer edge of the passive door from contacting the major surface of the side portion of the frame and for allowing air flow between the outer edge of the passive door and the side portion of the frame;~~

~~—— wherein and the interior portion comprises an interior flange extending away from where the interior portion meets the side portion for engaging the interior surface of the passive door, and~~

wherein the exterior portion comprises an exterior flange opposite to the interior flange for engaging the exterior surface of the passive door.

74. (previously presented and withdrawn) The door assembly of claim 73, wherein the outer edge of the passive door is clamped between the interior flange and the exterior flange.

75. (currently amended and withdrawn) The door assembly of claim 73, wherein the exterior portion comprises ~~a hollow section~~ an outer wall, an inner wall, and a pair of side walls which combine to form the hollow tubular member.

76. (currently amended and withdrawn) The door assembly of claim 73, wherein the ~~side~~ exterior portion comprises a thermal break.

77. (previously presented and withdrawn) The door assembly of claim 72, wherein the wooden insert has a U-shaped cross section.

78. (previously presented and withdrawn) The door assembly of claim 72, further comprising a fastener extending through the wooden insert and the side portion into the outer edge of the passive door.

79. (previously presented and withdrawn) The door assembly of claim 73, further comprising a second gasket coupled to the exterior portion of the astragal that abuts the active door in the closed position.

80. (previously presented and withdrawn) The door assembly of claim 73, wherein the locking mechanism comprises a dead bolt.

81. (currently amended) An astragal comprising:

a frame comprising an exterior portion and an interior portion, the exterior portion having an outer wall, an inner wall, a first side, and a second side combining to form an elongated hollow member, and comprising an exterior flange extending from the first side of the exterior portion and a stop extending from the second side of the exterior portion, ~~an~~ the interior portion spaced from and opposed to the exterior portion and comprising an interior flange opposite from and substantially parallel to the exterior flange, a side portion extending between the exterior portion and the interior portion, a gasket interconnecting the side portion and the exterior portion, a fastener formation disposed on a major surface of the side portion, and a spacer protruding from the major surface of the side portion in a direction that is substantially perpendicular to the major surface and substantially parallel to said interior flange; wherein the exterior portion, the interior portion, and the side portion collectively form a channel, with the spacer extending away from the channel; and

an insert member retained substantially within a the channel of the frame to present an outer surface, the insert member having a groove sized to accommodate a locking mechanism; and

a strike plate hardware attached to the outer surface of the insert member and extending between the interior and exterior portions, the strike plate hardware having a strike plate opening aligned with the groove.

82. (currently amended) The astragal of claim 81, wherein the exterior portion includes a ~~hollow section and~~ a hook extending into the channel that retains the insert member.

83. (previously presented) The astragal of claim 81, wherein the interior portion includes a wall with a hook extending into the channel that retains the insert member.

84. Canceled

85. (previously presented) The astragal of claim 81, wherein the insert member is wooden.

86. (previously presented) The astragal of claim 81, wherein the frame has a generally U-shaped cross section, wherein the side portion includes a fastening formation for attaching to a door edge such that the U-shaped cross section faces outward from the door edge when the astragal assembly is affixed to the door.

87. (previously presented) The astragal of claim 81, wherein the groove is sized to receive a dead bolt as the locking mechanism.

88. (new) The astragal assembly of claim 63, wherein the outer wall of the hollow tubular member has a decorative face.

89. (new) The astragal assembly of claim 81, wherein the outer wall of the hollow tubular member has a decorative face.